

## Accessing CQUniversity Roam using Windows XP and Microsoft wireless

Requirements for using Windows XP and Microsoft Wireless	p. 1
Instructions to access CQUniversity Roam	p. 1
Using Windows XP and an Intel PROSet/ Wireless client	p. 4
Assistance with CQUniversity Roam	p. 5

### Requirements

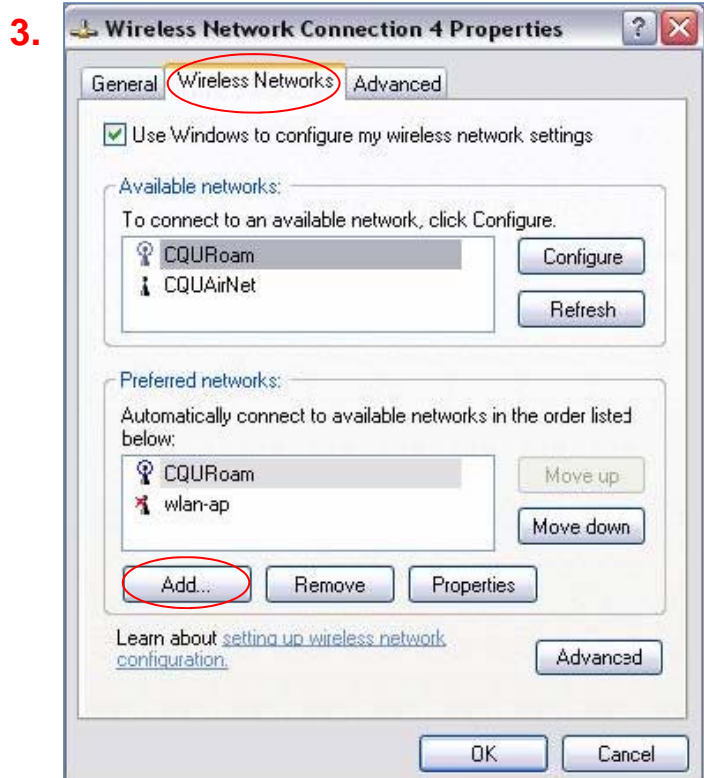
The following requirements are needed when using **Windows XP** and **Microsoft Wireless** to access CQUniversity Roam.

- PC with Windows XP and Service Pack 1 or 2.
- Download the latest Windows updates.
- Use a Network Wireless card with the latest drivers.  
*CQUniversity Roam uses 802.11a/g/n (54meg, not the 108meg dual channel systems available on the market).*
- Ensure the IP address is configured to use a dynamic IP address allocation.  
*If it is set to a fixed address it will not work.*

### Instructions

The following instructions are available to assist students and staff with connecting to CQUniversity Roam using a **Windows XP** laptop while working on campus.

1. Open the **"Network Connections"** window. This is located under: Start → Settings → Control Panel → Network Connections.
2. Right-click on the **"Wireless Network Connection"** option and select **"Properties"**.
3. Select the **"Wireless Networks"** tab (pictured right). This option is available when a wireless card is installed and activated.
4. Click the **"Add"** button (pictured right).



## Accessing CQUniversity Roam using Windows XP (continued)

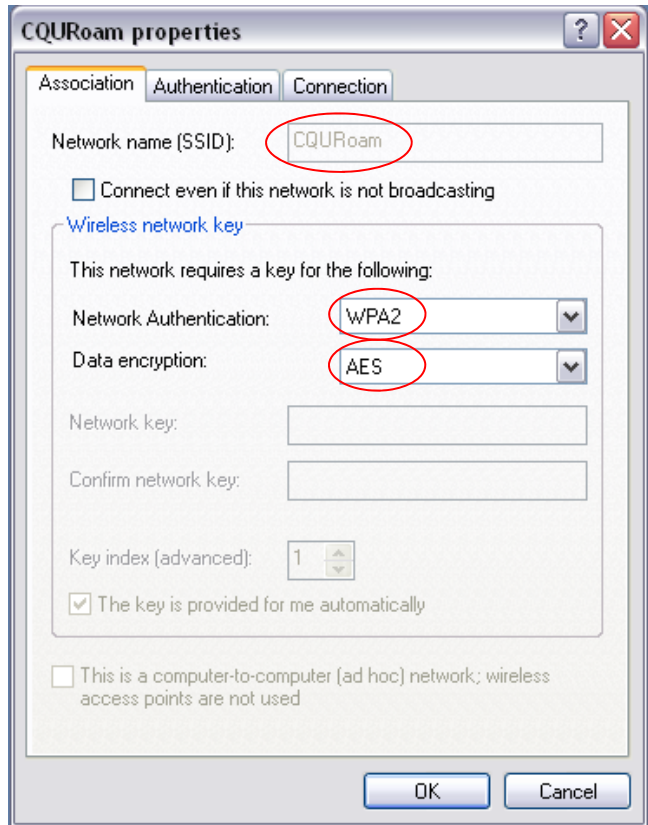
5. Please complete the following fields with the appropriate information (pictured right).

Network name (SSID): **CQURoam**  
 Network Authentication: **WPA2**  
 Data Encryption: **AES**

If the options WPA2 and AES are not available from the drop-down lists, please check for the latest drivers on the Wireless card.

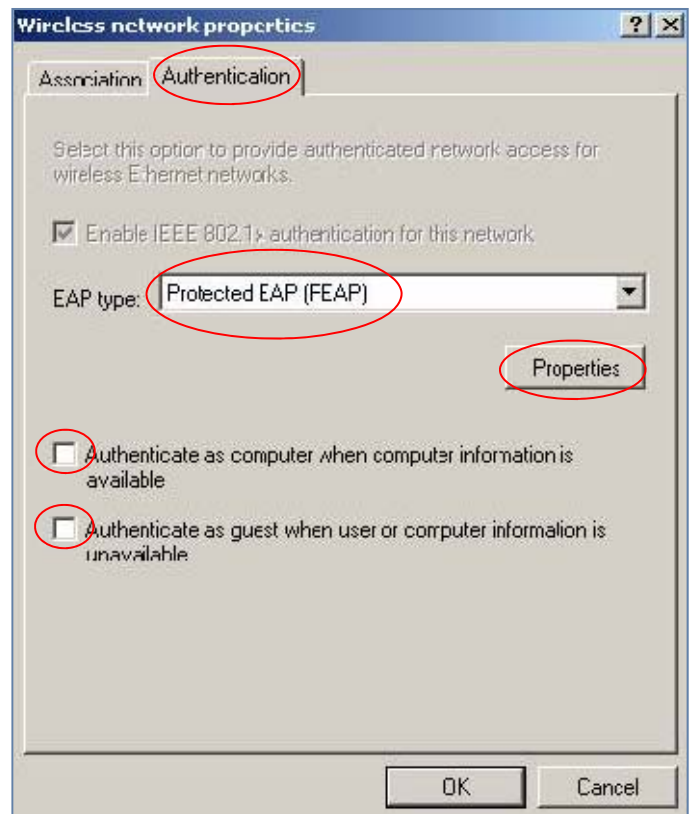
*Note: Students and staff using **Service Pack 1**, may need to download a Microsoft patch (called Q815485\_WXP\_SP2\_x86\_ENU.exe) from this website:*  
<http://www.microsoft.com/downloads/details.aspx?FamilyID=009d8425-ce2b-47a4-abec-274845dc9e91&displaylang=en>

5.



6. Click the "Authentication" tab and uncheck the following two options:
- Authenticate as computer when computer information is available
  - Authenticate as guest when user or computer information is unavailable

6.



7. Select the option "Protected EAP (PEAP)" from the EAP type drop-down list.

8. Click the "Properties" button.

## Accessing CQUniversity Roam using Windows XP (continued)

9. A "Protected EAP Properties" window will open.

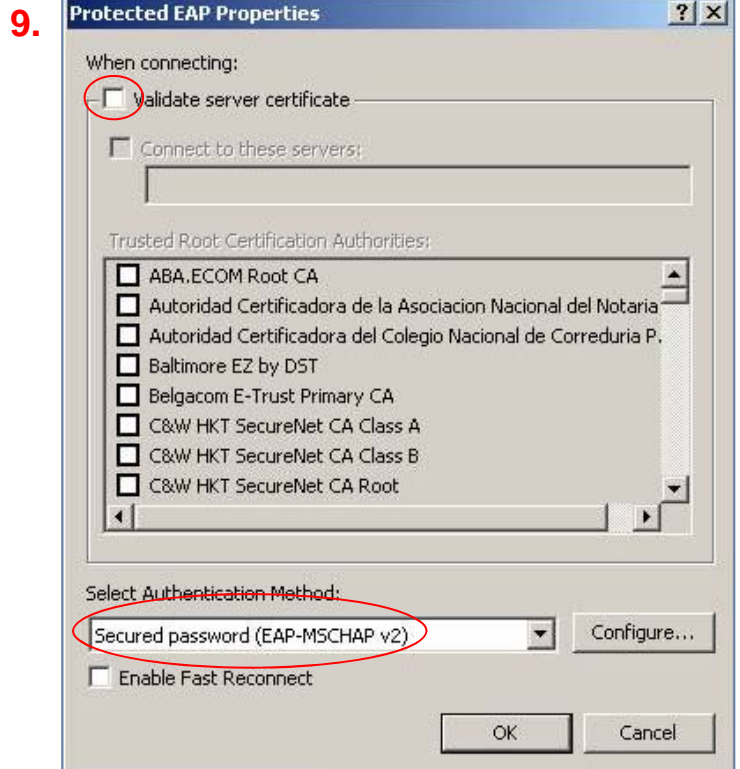
- *Uncheck* the "Validate Server Certificate" option.
- Select the "Secure password (EAP-MSCHAP v2)" option from the *Select Authentication Method* drop-down list.

10. An "EAP MSCHAPv2 Properties" window will open.

- *Uncheck* the "Automatically use Windows logon name" option.

11. Click "OK" on each window that is open.

12. After a few seconds, a popup box will appear at the bottom of the screen asking for credentials. Click on this popup box.



## Accessing CQUniversity Roam using Windows XP (continued)

13. An “**Enter Credentials**” window will open.

Enter the student or staff username, password and logon domain in the spaces provided.

Click “**OK**”.

14. In a few seconds, a connection to the CQUniversity network will be established.

To verify this was successful, open a new webpage using a web browser.

13.



### OTHER INFORMATION

- *Laptops using Windows XP with **Service Pack 1** will keep the username and password in the registry.*

This means students and staff will not need to re-enter their password when they restart their laptop.

To clear these details from the registry, please run the following script: [removeEAPinfo.reg](#)

- *Laptops using Windows XP with **Service Pack 2** may experience problems connecting to the wireless network in areas that have a strong CQUniversity Roam coverage.*

Students and staff may need to install the following patch - [KB885453-X86-ENU.EXE](#)

*Note: Students and staff will need to access the CQUniversity network to run the two scripts listed above.*

## Using Windows XP and Intel PROSet/ Wireless

Students or staff are using an Intel PROSet/ Wireless client (or any client that is not Microsoft Wireless), may have to disable this client to access CQUniversity Roam.

The following information (page 5) outlines how to **disable** the **Intel PROSet/Wireless client** and use the standard Microsoft Wireless client to connect to CQUniversity Roam.

This is relevant if students or staff *can not* view the “**Wireless Networks**” tab (pictured right).



## Accessing CQUniversity Roam using Windows XP (continued)

### INSTRUCTIONS FOR DISABLING AN INTEL PROSet/ WIRELESS CLIENT

1. Open the **Intel PROSet/Wireless client**. This should be located under: Start → Programs → Intel PROSet/Wireless.
2. The Intel PROSet/Wireless client will look similar to the image pictured right.

2.



Click on the **"Tools"** menu and select **"Use Microsoft Client"**.

3. A new window will open (pictured right).

Click **"OK"**.

3.



4. Close the Intel PROSet/Wireless client.

This can be done by clicking the **red cross** icon located in the top- right corner.

5. This will enable students and staff to use **Microsoft Wireless**.
6. Students and staff can now follow the Windows XP instructions (pages 1– 4) to establish a connection to CQUniversity Roam.
7. Alternatively, to use the Intel PROSet/Wireless client, students and staff can start the application and click **"Enable Intel PROSet /Wireless"**.

### Need assistance accessing CQUniversity Roam?

Students and staff can contact the ITD Service Centre if they need any technical assistance accessing CQUniversity Roam while working on campus.

Phone: 1300 666 620

Email: [servicedesk@cqu.edu.au](mailto:servicedesk@cqu.edu.au)

Internal Extension: 9233

Online Request: <http://itservicedesk.cqu.edu.au>

International: 61 7 4930 9233

Website: <http://cqunitech.cqu.edu.au>